Original/Duplicate/Triplicate

CONTRACT CERTIFICATE

(For Other Works)

No. **2nd & Part Bill** Date:

Division **EE (Byatarayanapura)** **Sub-Division AEE(Vidyaranyapura)**

Bill Received No…….Dated…….Cash Book Voucher No……..dated…….....

Scheduled Docket No.

Name of Work (as per sanctioned estimate)::Package No -6 (Consists of 14 Works)

Reference to Agreement No : Dated:

Work order No:**BBMP/EE/BTP/WO/76/2022-23** Dated: **24-11-2022**

Job Code : 009-23-000003 **Budget head : P3877** **Est. Cost: 1500.00 lakhs**

Name of Contractor and Full Address: M/s.SMLP Asphalts,Prop. Sri B B Umesha, No 1265,Next to Andhra Bank, Major Sandeep Unnikrishnan Road, Yalahanka New Town, Bengaluru-560064

Certified that the measurements were taken by me on and recorded of Pages 628901 to 628904 of measurement Book No: 6230/22-23 and that the work is satisfactorily executed.

Contractor **Officer-in-charge of work**

Certified that the measurements were verified by me on 31/03/23 and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account II have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of an imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Sub-Division Officer

If Memorandum of Payment

1) Total value of work done or supplies made as per account with in — Total = 18104087=00
2) Deduct amount to be held in reserve being……percent Rs…… — Prevway - 26518345=00
3) " Balance — Present - 19311441=00
4) Deduct Payments :
   a) Amount of previous payment as in the Office cash Book Voucher No……Dated……S.D. No…… — 2% - 193115=00
   Amount adjusted towards cash advance recovery of — GST - 172424=00
   b) Payments cost store or other materials supplied. — SGST - 172424=00
   Now made recovery of amount creditable to this/other work — L.C - 193115=00
   Amount paid on this bill Cheque/Cash — CBE - 19212=00
5) Balance being unpaid value of work done held in reserve — LR - 162500=00
6) Deduct cash advance made on the Office Cash Book Voucher No……dated……less adjustments — TD - 912890=00
7) Net amount due to or from contractor — CHAT - 18329855=00
   Unadjusted items
   8) Advance to contractor for materials brought to site (as detailed) within

Contractor's Signature

Received Rs…….. (In words)

……

By Cash and by adjustment of Payment as per memorandum

Witnesses:

1.

2.

Dated……..Signature of Contractor

Paid by me by cheque

No……..Dated……

Cash Rs……Dated……

(For use in the Office)

Stamp

ಲೆಕ್ಕಶೀರ್ಷಿಕೆ P-3877 ರಡಿ

ಬಿಲ್ಲು ಪಾವತಿಯಾಗಬೇಕಾದ ರೂ. 19311441=00 ಗಳನ್ನು ಜಮಾ ಮಾಡಿದೆ.

ಇದರಲ್ಲಿ ರೂ. 912890=00 ಗಳನ್ನು ಹೊಂದಾಣಿಕೆ

ಮಾಡಿಕೊಂಡು ರೂ. 18398551=00

FT/NEFT/RTGS ಮುಖಾಂತರ ನಿವ್ವಳ ಪಾವತಿ

ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು

ನಿರ್ವಹಣೆ ಬ್ಯಾಟರಾಯನಪುರ ವಿಭಾಗ

ಬೆ.ಮ.ಪಾ, ಬೆಂಗಳೂರು

Initials of Officer making payment

Executive Engineer

SI No	Description of Item	Unit	Quantity	Rate, Rs	Claimed in Previous bill		Claimed in this bill		Total Claimed up to this bill	
					Quantity	Amount(Rs)	Quantity	Amount(Rs)	Quantity	Amount(Rs)
1	Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts and lead I By Manual Means B Cement Concrete Grade M-15 & M-20	Cum	107.20	844.14	17.76	14989.39	37.78	31889.50	55.53	46878.89
2	Removing and refixing stone slabs of drains and pointing in CM (1:3) (Data Rate)	Sqm	3424.08	127.03	1221.75	155198.90	0.00	0.00	1221.75	155198.90
3	Removing and refixing of footpath Slab (Data Rate)	Sqm	275.40	246.70	122.40	30196.08	0.00	0.00	122.40	30196.08
4	Earth work excavation by manual means for drains,canals, waste weir, draft, approach channels, key trenches, foundation of bridges and such simillar works in all kinds of soils , as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter, excavated surface leveled and sides neatly dressed disposing off the excavated stuff or sorting & stacking the selected stuff for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools & other appurtenaces required to complete the work.	Cum	13058.24	214.79	3301.23	709071.19	2303.05	494671.89	5604.28	1203743.09
5	Providing granite slabs of selected quality roughly dressed havinf a size of 7.5cms thick and fixed in cement mortar (1:6) including fixing curing ete., complete.	Sqm	1347.27	778.95	566.06	440928.54	0.00	0.00	566.06	440928.54
6	Providing B S slabs of selected quality roughly dressed havinf a size of 10cms thick and fixed in cement mortar (1:6) including fixing curing ete, complete as directed by the Engineer in Charge of the work(Excluding GST and Area Leading Charges)(Data Rate)	Sqm	120.23	878.68	42.15	37036.36	0.00	0.00	42.15	37036.36
7	Providing one line dressing to granite stone slab / granite stone masonry as per specifications as directed by the Engineer in Charge of the work(Excluding GST and Area Leading Charges)(Data Rate)	Sqm	400.77	254.05	108.00	27437.40	0.00	0.00	108.00	27437.40
8	Providing and laying in position plain cement concrete Mix 1:3:6 (M10) for levelling course for all works in foundation. Using 40 mm nominal size graded crushed coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications	Cum	1758.83	6413.65	461.55	2960216.95	326.61	2094781.47	788.16	5054998.42
9	Providing and laying in position Reinforced cement concrete for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m to 3.50 m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necesary, including all lead & lifts, cost of all materials of quality, confirming to the requirements of relevant IS codes, labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. M20 (The cost of steel reinforcement & formwork to be paid separately)	Cum	3830.41	7236.31	926.29	6702917.97	682.18	4936478.26	1608.47	11639396.23

SI No	Description of Item	Unit	Quantity	Rate, Rs	Claimed in Previous bill		Claimed in this bill		Total Claimed up to this bill	
					Quantity	Amount(Rs)	Quantity	Amount(Rs)	Quantity	Amount(Rs)
10	Supplying, Fitting and Placing TMT Fe550 bar Reinforcement in sub-structure complete as per Drawing and Technical and as per the Direction of engineer incharge of work	Tonne	240.39	106436.07	51.44	5475385.16	41.33	4399231.42	92.78	9874616.5
11	Providing Size Stone masonry with hard stone in foundation & plinth with Cement mortar 1:6 (1 cement : 6 coarse sand)and as per the Direction of engineer incharge of work	Cum	111.54	6180.38	0.00	0.00	0.00	0.00	0.00	0.00
12	Providing and laying in position Reinforced cement concrete for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m to 3.50 m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necesary, including all lead & lifts, cost of all materials of quality, confirming to the requirements of relevant IS codes, labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork to be paidseparately) Mix 1:2:4 (M15) Using 20 mm nominal size graded crushed coarse aggregates	Cum	82.62	6790.11	36.72	249332.84	0.00	0.00	36.72	249332.84
13	Providing and Fixing pre cast covering Slab 100mm thick made out of CC , Jelly 20mm Down Size with steel reinforcement including form work, curing, including cost of all materials, labour, hire charges of machinery, loading, unloading, lead and lift, transportation etc, complete as per Engineer incharge. (Data Rate)	Sqm	9123.00	2175.19	1755.90	3819416.12	1233.99	2684162.71	2989.89	6503578.83
14	Providing and Fixing pre cast covering Slab 230mm thick made out of CC , Jelly 20mm Down Size with steel reinforcement including form work, curing, including cost of all materials, labour, hire charges of machinery, loading, unloading, lead and lift, transportation etc, complete as per Engineer incharge. (Data Rate)	Sqm	792.57	5287.84	176.40	932774.98	204.96	1083795.69	381.36	2016570.66
15	Providing and fixing Steel work in built up tubular (round, square or rectangular hollow tubes etc.) trusses etc., including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete. Electric resistance or induction butt welded tubes including cost of materials, labour, usage charges of machinery complete as per specifications and as per directions of the Engineer-in-Charge	Kg	2190.00	127.03	0.00	0.00	0.00	0.00	0.00	0.00
16	Earth work in surface excavation by mechanical means for lowering & leveling the ground for all works other than foundation in all kinds of soils & upto depth not exceeding 300mm as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter including dressing of excavated surfaces, disposing off or levelling the excavated earth or sorting & stacking the selected earth for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools, usage of machinery & other appurtenances required to complete the work. In all kinds of soils upto 300 mm depth. (PWD SR 21-22 Vol I Pg no 8 Item No 1.12)	Cum	1911.38	75.06	0.00	0.00	0.00	0.00	0.00	0.00

SI No	Description of Item	Unit	Quantity	Rate, Rs	Claimed in Previous bill		Claimed in this bill		Total Claimed up to this bill	
					Quantity	Amount(Rs)	Quantity	Amount(Rs)	Quantity	Amount(Rs)
17	Scarifying the existing bituminous road surface to a depth of 50 mm and disposal of scarified material by Mechanical Means using Hydraulic excavator with in all lifts and lead MORTH Specification No. 305.4.3	Sqm	3939.86	4.62	0.00	0.00	0.00	0.00	0.00	0.00
18	Construction of Granular Sub-Base of required grading as per design mixing in a mechanical mix plant at OMC, carriage of mixed Material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the desired density, complete as per clause 401 (For Grading -V Material)	Cum	258.19	2710.27	0.00	0.00	0.00	0.00	0.00	0.00
19	Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the Material with water at OMC in mechanical mix plant carriage of mixed Material by tipper to site, laying in uniform layers with paver/grader in sub-base / base course on well prepared surface and compacting with vibratory roller to achieve the desired density MORTH Specification No. 406	Cum	2365.69	2764.54	0.00	0.00	0.00	0.00	0.00	0.00
20	Providing and applying primer coat with SS1 grade Bitumen Emulsion on prepared surface of granular base including cleaning of road surface and spraying primer at the rate of 0.90 kg per m2 using mechanical means MORTH Specification No. 502	Sqm	14422.26	48.50	0.00	0.00	0.00	0.00	0.00	0.00
21	Providing and laying Dense Graded Bituminous Macadam with 40/60 TPH capacity HMP using crushed aggregates of specified grading, premixed with bituminous binder VG-30, @ 4.5 per cent by weight of total mix and filler, transporting the hot mix to work site, laying with mechanical paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MoRTH specification clause No. 505 complete in all respects	Cum	721.11	10553.53	0.00	0.00	0.00	0.00	0.00	0.00
22	Providing and applying tack coat with RS1 Bituminous Emulsion using emulsion pressure distributor at the rate of 0.25 kg/m2 on the prepared bituminous surface cleaned with mechanical broom MORTH Specification No. 503	Sqm	25323.23	16.17	0.00	0.00	0.00	0.00	0.00	0.00
23	Providing and laying Bituminous Concrete with 40/60 TPH capacity hot mix plant using crushed aggregates of specified grading, premixed with bituminous binder VG-30, @ 5.4 percent of mix and filler, transporting the hot mix to work site, laying with mechanical paver finisher to the required grade,level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 507 complete in all respects	Cum	1012.93	12253.37	0.00	0.00	0.00	0.00	0.00	0.00
24	Road Marking with Hot Applied Thermoplastic Compound with Reflectorising Glass Beads on Bituminous Surface Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads @ 250 g/ m2 area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35:2015.The finished surface to be level, uniform and free from streaks and holes. MORTH Specification No. 803	Sqm	916.20	551.98	0.00	0.00	0.00	0.00	0.00	0.00

Sl No	Description of Item	Unit	Quantity	Rate, Rs	Claimed in Previous bill		Claimed in this bill		Total Claimed up to this bill	
					Quantity	Amount(Rs)	Quantity	Amount(Rs)	Quantity	Amount(Rs)
25	Dismantling of cement concrete pavement by mechanical means using pneumatic tools, breaking to pieces not exceeding 0.02 m3 in volume and stock piling at designated locations and disposal of dismantled materials and stacking serviceable and unserviceable materials separately MORTH Specification No. 202	Cum	80.96	487.32	0.00	0.00	0.00	0.00	0.00	0.00
26	Providing and laying in position plain cement concrete for levelling course for all works in foundation. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork shall be paid separately) Mix 1:5:10 Using 40 mm nominal size graded crushed coarse aggregates	Cum	213.91	5611.08	0.00	0.00	0.00	0.00	0.00	0.00
27	Providing and constructing un-reinforced plain cement concrete pavement, thickness as per design, over a prepared sub base, with 43 grade cement or any other type as per Clause 1501.2.2 M30 (Grade), coarse and fine aggregates conforming to IS:383, maximum size of coarse aggregate not exceeding 25 mm, mixed in a concrete mixer of not less than 0.2 cum capacity and appropriate weigh batcher using approved mix design, laid in approved fixed side formwork (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the formwork as per drawing), spreading the concrete with shovels, rakes, compacted using needle, screed and plate vibrators and finished in continuous operation including construction joints, , primer, scalant , curing of concrete slabs for 14- days, and water finishing to lines and grade as per drawing and technical specification clause 1501 with all lead, lifts, loading & unloading charges, cost and conveyance of all materials, labour, equipments etc., complete MORTH Specification No.1501 . as per the directions of the Engineer-in-charge of the work.	Cum	213.91	7519.93	0.00	0.00	0.00	0.00	0.00	0.00
28	Cutting transverse contraction joints 3 to 4 mm wide and depth 60mm in concrete slab using concrete cutting machine with diamond studded saw within 48 hours of casting of bay / slab etc. complete including subsequent widening of the groove 8 to 10 mm. wide at top having depth of 15 mm. as directed by Engineer incharge. MORTH Specification No. 602.6.3	M	496.42	80.83	0.00	0.00	0.00	0.00	0.00	0.00

Sl No	Description of Item	Unit	Quantity	Rate, Rs	Claimed in Previous bill		Claimed in this bill		Total Claimed up to this bill	
					Quantity	Amount(Rs)	Quantity	Amount(Rs)	Quantity	Amount(Rs)
29	Providing to contraction joints polysuphide sealent (Pouring grade) confirming to BS : 5212 - 1989 into sawed groove widened at top for sealent reservoir of specified size and shape as per detailed drawing including fixing Polyethylene foam backer rod of required diameter (approx. 25% larger than the initial 3 mm.to 4 mm. joint) overlaid with bond breaking tape as per detailed drawing. Item includes cleaning the joints with water jet / air compressor and allowing joint to become thoroughly dry before sealent is applied and applying primer. (A) Contraction and longitudinal joints (15 mm. deep x 8mm.wide). MORTH Specification No. 602.6.3	M	496.42	190.54	0.00	0.00	0.00	0.00	0.00	0.00
30	Loading and Unloading of Stone Boulder/Stone aggregates/ Sand/Kankar/Moorum. (Tipper 5.5 m3)	Cum	15157.78	136.26	3301.23	449825.60	2303.05	313813.46	5604.28	763639.06
31	Cost of Haulage Excluding Loading and Unloading Taking output 10 t load and lead 10 km = 100 t.km	T,KM	19401.95	110.86	4225.57	468447.18	2947.90	326804.50	7173.48	795251.67
Total Amount						**22473174.67**		**16365628.00**		**38838803.00**
Add 18% GST Charges						**4045171.44**		**2945813.00**		**6990984.00**
Grand Total						**26518346.11**		**19311441.00**		**45829787.00**

Certificate

1 **The above work has been Completed satisfactorily**
2 **The debris has been removed and disposed from the work spot.**
3 **No. departmental issues are made to the contractor**

Asst. Engineer
Ward No. 09
BBMP

Asst. Executive Engineer
Vidyaranyapura Sub Division
BBMP

Executive Engineer
Bytrayanapura Division
BBMP